

Converting Colors

CIELCh(14, 42.362, 327.461)

Have a look what the booklet for
CIELCh(14, 42.362, 327.461)
contains.

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Color

CIELCh(14, 42.140, 327.486)

Conversions

Conversions Part 1

Format	Color
Hex	430644
RGB	67, 6, 68
RGB Percent	26%, 2%, 27%
CMY	0.7379, 0.9771, 0.7339
CMYK	0.01, 0.91, 0.00, 0.73
HSL	299°, 84%, 14%
HSV	299°, 91%, 27%
XYZ	3.4061, 1.7298, 5.5994
YIQ	31.3070, 16.4540, 32.2140

Conversions

Conversions Part 2

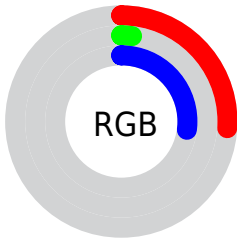
Format	Color
RYB	67, 6, 68
Decimal	4392516
CIELab	14.00, 35.53, -22.65
CIELCh	14, 42.140, 327.486
Yxy	1.7298, 0.3173, 0.1611
Android (android.graphics.Color)	4282582596 (0xFF430644)
YUV	31.3070, 18.0896, 31.3028
Hunter-Lab	13.1521, 23.2115, -16.0360




Details

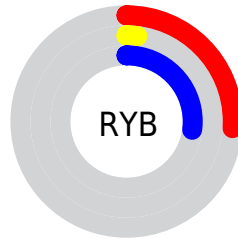
The CIELCh color **14, 42.140, 327.486** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **24, 43.138, 136.835**, and the grayscale version is **12, 0.003, 296.813**.




A 20% lighter version of the original color is **34, 42.503, 327.485**, and **1, 12.636, 305.590** is the 20% darker color. If you saturate the color by 10%, you get **13, 44.647, 327.660**, and if you desaturate by 10%, it is **15, 39.343, 327.294**.

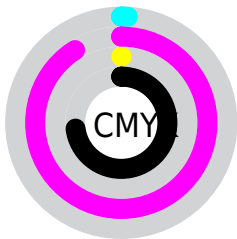
Distribution







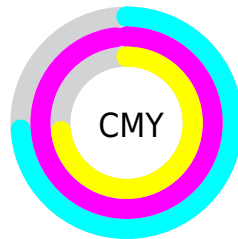
-  Red (26%)
-  Green (2%)
-  Blue (27%)






-  Red (26%)
-  Yellow (2%)
-  Blue (27%)



-  Cyan (1%)
-  Magenta (91%)
-  Yellow (0%)
-  Black (73%)



-  Cyan (74%)
-  Magenta (98%)
-  Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 42.140, 327.486 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 14, 42.140, 327.486 by changing the saturation by 10% instead.

 14, 42.140,
327.486

 14, 42.140,
327.486

 100, 42.140,
327.486

 4, 42.140, 327.486

 34, 42.140,
327.486

 0, 42.140, 327.486

 44, 42.140,
327.486


 54, 42.140,
327.486

 64, 42.140,
327.486

 74, 42.140,
327.486

 84, 42.140,


327.486


 94, 42.140,
327.486


 14, 42.140,
327.486


 14, 42.140,
327.486


 13, 44.647,
327.660

 15, 39.343,
327.294

 16, 35.923,
327.043

 17, 31.806,
326.725

 19, 27.153,
326.350

 21, 22.126,
325.932

■ 22, 16.869,
325.483

■ 24, 11.499,
325.014

■ 26, 6.106, 324.531

■ 28, 0.753, 323.921

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



14, 42.140, 327.486



24, 43.138, 136.835

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



14, 42.140, 327.486



14, 42.140, 17.486



14, 42.140, 147.486



14, 42.140, 197.486

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



14, 42.139, 327.486



31, 18.218, 325.332



5, 43.839, 302.527



14, 12.379, 325.398



71, 0.009, 296.813



19, 0.004, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



14, 42.139, 327.486



19, 53.762, 327.636



13, 31.292, 354.052



12, 2.915, 324.386



21, 56.925, 327.630



53, 104.999, 327.583

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



12, 32.608, 28.385



16, 44.650, 33.376



25, 30.776, 152.377



12, 1.687, 18.452



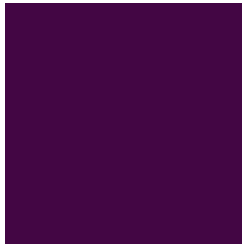
18, 47.972, 34.624



47, 94.262, 39.475

Previews

White Background



This preview shows how the CIE LCh color 14, 42.140, 327.486 looks on a white background.

Color Contrast Check

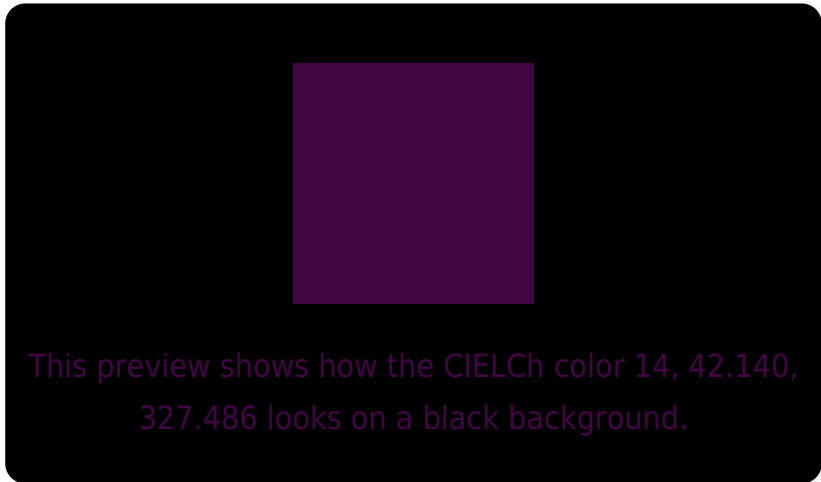
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

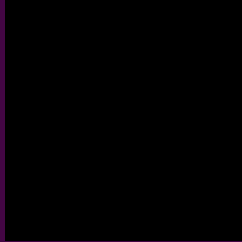
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 14, 42.140, 327.486

Background



This preview shows how black text looks on a background with the CIELCh color 14, 42.140, 327.486.



This preview shows how white text looks on a background with the CIELCh color 14, 42.140, 327.486.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

14, 42.140, 327.486

Protanopia

15, 30.010, 282.635

Deuteranopia

15, 18.144, 276.596



Tritanopia
15, 19.044, 21.079

Trichromacy



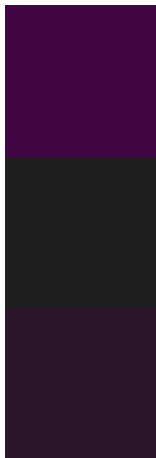
Original Color
14, 42.140, 327.486

Protanomaly
12, 35.046, 298.525

Deuteranomaly
13, 27.445, 305.416

Tritanomaly
14, 25.276, 348.800

Monochromacy



Original Color
14, 42.140, 327.486

Achromatopsia
12, 0.003, 296.813

Achromatomaly
11, 18.551, 326.594

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 42.140, 327.486 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(67, 6, 68)` looks like.

```
.text, #text, p{  
    color:rgb(67, 6, 68)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(67, 6, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 6, 68) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 42.140, 327.486 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(67, 6, 68) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(67, 6, 68) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(67, 6, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 6, 68); -webkit-box-shadow:4px  
4px 4px 4px rgb(67, 6, 68); box-shadow:4px  
4px 4px 4px rgb(67, 6, 68) }
```

Background

The CSS property to change the background color of an element to CIELCh 14, 42.140, 327.486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 6, 68) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(67, 6,  
68) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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